

Title (en)

CELLULAR-PLASTIC PANELS MANUFACTURED USING HALOGEN-FREE PROPELLANTS

Title (de)

UNTER VERWENDUNG HALOGENFREIER TREIBMITTEL HERGESTELLTE SCHAUMSTOFFPLATTEN

Title (fr)

PLAQUES DE MOUSSE FABRIQUEES AVEC UTILISATION D'AGENTS MOUSSANTS NON HALOGENES

Publication

**EP 0700413 B1 19980401 (DE)**

Application

**EP 94916977 A 19940520**

Priority

- DE 4317573 A 19930527
- DE 4402909 A 19940201
- EP 9401631 W 19940520

Abstract (en)

[origin: WO9428058A1] The invention concerns extruded cellular-plastic panels produced using halogen-free propellants from a styrene-polymer thermoplastic having a Vicat softening temperature VST, measured using method B50, of, at the most, 100 DEG C and a melt volume-flow rate (MVR), measured at 200 DEG C and a load of 5 KG, of at least 5 ml/10 min. The panels are at least 20 mm, preferably more than 50 mm, and in particular 80 mm to 200 mm thick. Propellants preferred for the manufacture of the cellular-plastic panels are carbon dioxide alone and mixtures of carbon dioxide with ethanol and/or dimethyl ether.

IPC 1-7

**C08J 9/12**

IPC 8 full level

**C08J 9/12** (2006.01)

CPC (source: EP KR US)

**C08J 9/12** (2013.01 - KR); **C08J 9/122** (2013.01 - EP US); **C08J 9/127** (2013.01 - EP US); **C08J 2203/12** (2013.01 - EP US); **C08J 2325/08** (2013.01 - EP US); **Y10T 428/249954** (2015.04 - EP US); **Y10T 428/249977** (2015.04 - EP US)

Cited by

US6093352A; US6123881A; US6187831B1; US6268046B1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**WO 9428058 A1 19941208**; AT E164607 T1 19980415; AU 6844494 A 19941220; CA 2163537 A1 19941208; CN 1070206 C 20010829; CN 1131429 A 19960918; CZ 311195 A3 19960417; DE 59405594 D1 19980507; EP 0700413 A1 19960313; EP 0700413 B1 19980401; ES 2114198 T3 19980516; FI 107051 B 20010531; FI 955641 A0 19951123; FI 955641 A 19951123; HU 213640 B 19970828; HU 9503364 D0 19960129; HU T73404 A 19960729; JP H08510495 A 19961105; KR 960702491 A 19960427; NO 309194 B1 20001227; NO 954782 D0 19951124; NO 954782 L 19951124; PL 175478 B1 19990129; PL 311753 A1 19960318; US 5576094 A 19961119

DOCDB simple family (application)

**EP 9401631 W 19940520**; AT 94916977 T 19940520; AU 6844494 A 19940520; CA 2163537 A 19940520; CN 94192257 A 19940520; CZ 311195 A 19940520; DE 59405594 T 19940520; EP 94916977 A 19940520; ES 94916977 T 19940520; FI 955641 A 19951123; HU 9503364 A 19940520; JP 50018994 A 19940520; KR 19950705300 A 19951127; NO 954782 A 19951124; PL 31175394 A 19940520; US 53794995 A 19951121